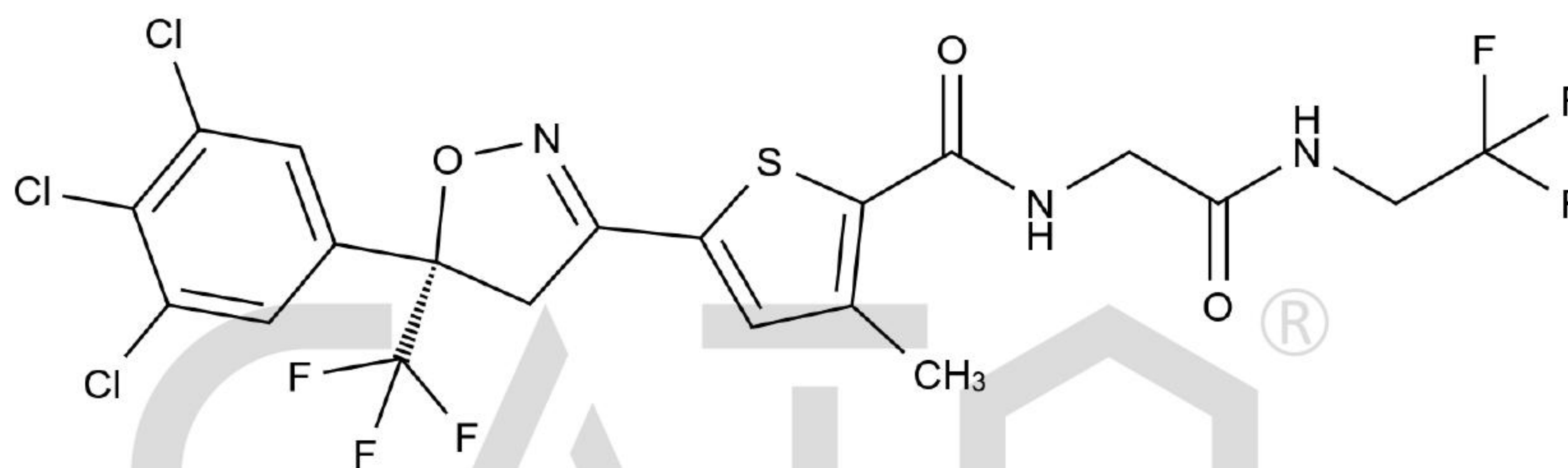


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                                                                |                            |                                           |
|---------------------------|------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Lotilaner                                                                                      | <b>Catalogue Number:</b>   | C4X-3256                                  |
| <b>Synonyms:</b>          | N/A                                                                                            | <b>Lot Number:</b>         | 0625-RH-0109                              |
| <b>CAS Number:</b>        | 1369852-71-0                                                                                   | <b>Expiry Date:</b>        | Jun 28, 2030                              |
| <b>Molecular Formula:</b> | C <sub>20</sub> H <sub>14</sub> Cl <sub>3</sub> F <sub>6</sub> N <sub>3</sub> O <sub>3</sub> S | <b>Storage:</b>            | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 596.76                                                                                         | <b>Shipping Condition:</b> | Shipping at Room Temperature              |
| <b>Solubility:</b>        | Acetonitrile                                                                                   |                            |                                           |

Chemical Structure:



| Test Items          | Method            | Results     |
|---------------------|-------------------|-------------|
| Appearance          | Visual inspection | White Solid |
| Identification      | LCMS&HNMR         | Confirmed   |
| Purity              | HPLC              | 99.968%     |
| Residue on Ignition | TGA               | 0.4970%     |
| Loss on Drying      | TGA               | 0.0148%     |
| Assay               |                   | 99.5%       |

## Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss on Drying) \* Purity HPLC (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

Prepared by:

*Koi*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Jul 08, 2026

Date: Jul 08, 2026

Date: Jul 08, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

